Lake City Army Ammunition Plant (LCAAP)
Independence, MO
Alliant Lake City Small Caliber Ammunition Company

NDIA SYMPOSIUM
MAY 14,2003

History

26 December 1940 - Ground Breaking

12 September 1941 - First Round

11 October 1941 - First Railcar Load

(2) Plant

Lake City Mission & Vision

Mission

To provide America's Armed Forces quality ammunition for training, maintaining and sustaining combat power -- safely, on-time, economically and in an environmentally responsible manner, maintain a viable, reliable and responsive Small Caliber Ammunition production capability to meet the services' crises response demands.

Vision

To maintain and improve the LCAAP as the premier ammunition production facility in the Department of Defense and across the industry.

(3) Plant

Families of Ammunition

5.56mm

M200 Blank | M855 Ball | M856 Trace | M193 Ball | M196 Trace
Saws | Saws | SCAMP

7.62mm

M276 | | | | | |
Blank | Ball | Trace | OHF | Special | Match
Dim | | | | | Ball
Trace

20mm

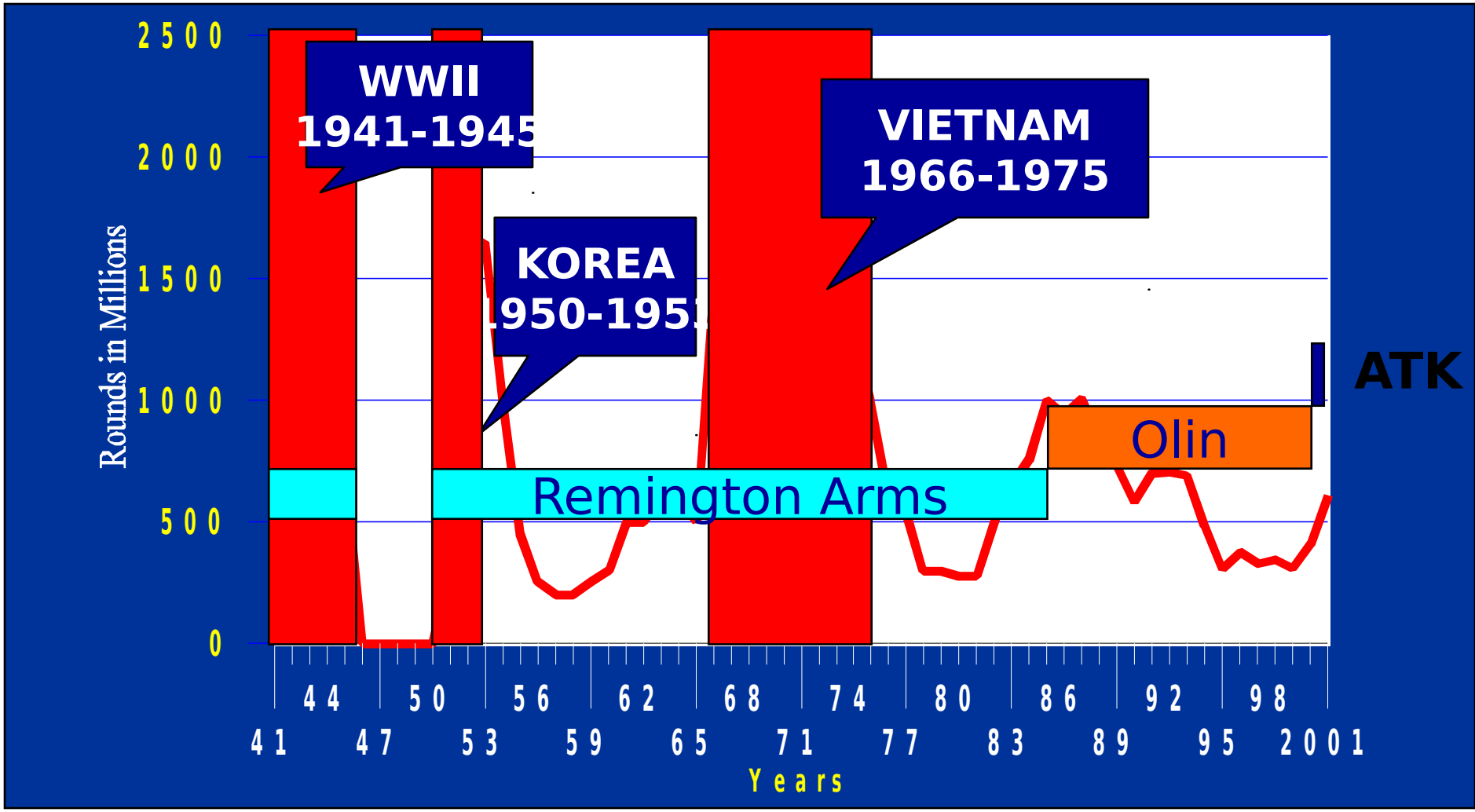
PGU-27/B | PGU-28/B | M56A4 | M220
M55A2
TP | SAPHEI | HEI | TP-T | TP

Caliber .50

M1A1 | M33 | M17 | M8 | M20 | M962
Blank | Ball | Trace | API | API-T

(4) Plant

Production History



(5) Plant

Plant Capabilities reduced through the 80's

- **Bulding 3A**
  - 20mm cases
  - Phased out late 70's
- **Building 4**
  - 5.56mm conventional manufacturing
  - Phased out by 1989
- **Buildings 139/142**
  - M505 Fuse assembly
  - Safety issues
  - M55 series demand

(6) Plant

Lake City in 90's typical of Industrial Base

Industrial Base

- **Plant operating at less than 20% capacity**
  - **5.56mm largest volume**
  - **7.62mm and Cal.50 no long term major requirements**
- **Army push to reduce assets**
  - **Sell used equipment**
  - **ARMS initiatives**
- **Reduced maintenance funding**
  - **Building needing repair**
  - **Excess equipment being used for replacement parts**

(7) Plant

Consolidation Plan thought the answer

- **Plan agreed and funded by the Army in 1996**
  - **$6M+ approved**
  - **3 year plan**
- **Plan consolidated three production buildings into one**
  - **Building 3 to remain open**
  - **20mm operations to Blg 3 & close Blg 65**
  - **7.62 operation to Blg 3 & close Blg 2**
- **Plan implemented in 1997 through 1999**

Current requirements with Replenishment exceed capacity

- **Plant operating at 3/8/6**
  - **Blgs 1 & 3**
  - **Blg 2 largely occupied by Links**
- **Little equipment and facilities available for use**
  - **Old production lines not equipped**
  - **Buildings need major infrastructure repair**
- **7.62mm and Cal 50 future requirements strong**

Lessons learned

- **Things always change**
- **Once capacity is gone; very expensive to replace**
- **Older ammunition systems still have place in today's Army**

The M-1 does MY talking!
...with your cartridges
U.S. ARMY OFFICIAL POSTER

The M - 4 does MY talking!
...with your cartridges
PFC Mark D Sutphin
C Co 27th Engr Bn

(11) Plant